## COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

(includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER

PHNL030685 US

As a below named inventor, I h	ereby declare that:		
My residence, post office addre	ess and citizenship are as stat	ed next to my name.	
plural names are listed below)	of the subject matter which is IPTIVE CONTROL FOR	name is listed below) or an original, for claimed and for which a patent is soon BEST IC PERFORMANCE"	irst and joint inventor (if ught on the invention
is attached hereto.			-
was filed as United States a	pplication		
Serial No			
on			
and was amended			
on			
was filed as PCT internation	nal application		
Number	4/050799		
on 38 M			
and was amended under PCT.			
on			(if applicable).
I hereby state that I have review claims, as amended by any am		ents of the above-identified specificat	ion, including the
I acknowledge the duty to discl Title 37, Code of Federal Regu		rial to the examination of this applica	tion in accordance with
or inventor's certificate or of an States of America listed below any PCT international applicati	y PCT international applicatio and have identified below any on(s) designating at least one	States Code, § 119 of any foreign ap n(s) designating at least one country foreign application(s) for patent or in country other than the United States f the application(s) of which priority is	other than the United nventor's certificate or of America filed by me
PRIOR FOREIGN/PCT APPLIC	CATION(S) AND ANY PRIOR	ITY CLAIMS UNDER 35 U.S.C. 119:	
COUNTRY	APPLICATION NUMBER	DATE OF FILING DAY, MONTH, YEAR	PRIORITY CLAIMED UNDER 35 USC 119
Europe	03101678.5	10 June 2003	YES

Combined Declaration For Patent Application and Power of Attorney (Continued) (includes Reference to PCT International Applications)

Attorneys Docket Number PHNL030685 US

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

Jack E. Haken, Reg. No. 26,902 Michael E. Marion, Reg. No. 32,266 Edward M. Blocker, Reg. No. 30,245 Direct Telephone Calls to: (name and telephone number) (914)332-0222

		•		
	FULL NAME OF INVENTOR	FAMILY NAME PINEDA DE GYVEZ	Jose	SECOND GIVEN NAME  De Jesus
201	RESIDENCE & CITIZENSHIP	CITY Eindhoven	STATE OR FOREIGN COUNTR The Netherlands	Mexico
	POST OFFICE ADDRESS	POST OFFICE ADDRESS Prof. Holstlaan 6	5656 AA Eindhoven	STATE & ZIP CODE/COUNTRY The Netherlands
	FULL NAME OF INVENTOR	FAMILY NAME PESSOLANO	FIRST GIVEN NAME Francesco	SECOND GIVEN NAME
202	RESIDENCE & CITIZENSHIP	CITY Eindhoven	STATE OR FOREIGN COUNTR The Netherlands	Italy
	POST OFFICE ADDRESS	POST OFFICE ADDRESS Prof. Holstlaan 6	5656 AA Eindhoven	STATE & ZIP CODE/COUNTRY  The Netherlands
203	FULL NAME OF INVENTOR	FAMILY NAME MEIJER	FIRST GIVEN NAME Rinze	SECOND GIVEN NAME Ida Mechtildis Peter
	RESIDENCE & CITIZENSHIP	CITY Eindhoven	STATE OR FOREIGN COUNTR The Netherlands	Dutch
	POST OFFICE ADDRESS	POST OFFICE ADDRESS Prof. Holstlaan 6	5656 AA Eindhoven	STATE & ZIP CODE/COUNTRY The Netherlands
	FULL NAME OF INVENTOR	FAMILY NAME RIUS VAZQUEZ	FIRST GIVEN NAME  Josep	SECOND GIVEN NAME
204	RESIDENCE & CITIZENSHIP	CITY Barcelona	STATE OR FOREIGN COUNTR	Spain
	POST OFFICE ADDRESS	POST OFFICE ADDRESS Miracle, 17	Barcelona 08028	STATE & ZIP CODE/COUNTRY Spain
7	FULL NAME OF INVENTOR	FAMILY NAME RAO	FIRST GIVEN NAME Kiran	SECOND GIVEN NAME  Batni Raghavendra
205	RESIDENCE & CITIZENSHIP	Mysore	STATE OR FOREIGN COUNTR India	India
	POST OFFICE ADDRESS	#291, 7th Cross, 5th A Main, 1st Stage Boindavan Extension	Mysore 570020	STATE & ZIP CODE/COUNTRY India

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true: and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 if Title 18 of the United states Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

^		
SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203
osi /mida	Francisa Penhin	AAAAAageo
PATE 21.10.0S.	DATE 21.10.05.	DATE \$1.10.05.
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	
DATE	DATE	
		1

## COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (includes Reference to PCT International Applications)

1, 1

ATTORNEY'S DOCKET NUMBER

PHNL030685 US

As a below named inventor, I h	ereby declare that:								
My residence, post office addre	ess and citizenship are as state	ed next to my name.							
plural names are listed below) of entitled: "REAL-TIME ADA	believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if blural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: "REAL-TIME ADAPTIVE CONTROL FOR BEST IC PERFORMANCE" he specification of which (check only one item below):								
is attached hereto.									
was filed as United States a	pplication								
Serial No									
on									
and was amended	-								
on									
was filed as PCT internation	nal application								
Number 18 2004/ 0	50799	·							
on 29 HAY -									
and was amended under PCT									
on			(if applicable).						
I hereby state that I have review claims, as amended by any am		nts of the above-identified specification	n, including the						
I acknowledge the duty to discle Title 37, Code of Federal Regu		rial to the examination of this applicatio	n in accordance with						
or inventor's certificate or of an States of America listed below any PCT international application	y PCT international applicatior and have identified below any on(s) designating at least one	States Code, § 119 of any foreign applin(s) designating at least one country of foreign application(s) for patent or invector than the United States of the application(s) of which priority is cl	ther than the United entor's certificate or f America filed by me						
PRIOR FOREIGN/PCT APPLIC	CATION(S) AND ANY PRIORI	TY CLAIMS UNDER 35 U.S.C. 119:							
COUNTRY	APPLICATION NUMBER	DATE OF FILING DAY, MONTH, YEAR	PRIORITY CLAIMED UNDER 35 USC 119						
Europe	03101678.5	10 June 2003	YES						

(includ	es Reference to PC	T International Applications)	d Power of Attorney (Continue		Attorneys Docket Number PHNL030685 US	
			appoint the following attorney(s) and/o erewith. (List name and registration n		osecute this application and transact	
Micha	E. Haken, Reg. ael E. Marion, R ard M. Blocker, I			Direct Teleph (name and te (914)332-0	lephone number)	
	FULL NAME OF INVENTOR	FAMILY NAME PINEDA DE GYVEZ	FIRST GIVEN NAME  Jose		SECOND GIVEN NAME  De Jesus	
201	RESIDENCE & CITIZENSHIP	CITY Eindhoven	STATE OR FOREIGN COUR The Netherlands	NTRY	COUNTRY OF CITIZENSHIP  Mexico	
	POST OFFICE ADDRESS	POST OFFICE ADDRESS Prof. Holstlaan 6	5656 AA Eindhove	en	The Netherlands	
	FULL NAME OF INVENTOR	FAMILY NAME PESSOLANO	FIRST GIVEN NAME Francesco		SECOND GIVEN NAME	
202	RESIDENCE & CITIZENSHIP	Eindhoven	The Netherlands	NTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	POST OFFICE ADDRESS Prof. Holstlaan 6	5656 AA Eindhove	en	STATE & ZIP CODE/COUNTRY The Netherlands	
	FULL NAME OF INVENTOR	MEIJER	FIRST GIVEN NAME Rinze		second given name Ida Mechtildis Peter	
203	RESIDENCE & CITIZENSHIP	CITY Eindhoven	The Netherlands	NTRY	COUNTRY OF CITIZENSHIP  Dutch	
	POST OFFICE ADDRESS	Post Office Address Prof. Holstlaan 6	5656 AA Eindhove	en	STATE & ZIP CODE/COUNTRY The Netherlands	
	FULL NAME OF INVENTOR	FAMILY NAME RIUS VAZQUEZ	FIRST GIVEN NAME  Josep		SECOND GIVEN NAME	
204	RESIDENCE & CITIZENSHIP	Barcelona	STATE OR FOREIGN COUL	NTRY	Spain	
	POST OFFICE ADDRESS	POST OFFICE ADDRESS Miracle, 17	Barcelona 08028		STATE & ZIP CODE/COUNTRY  Spain	
	FULL NAME OF INVENTOR	FAMILY NAME RAO	FIRST GIVEN NAME  Kiran		SECOND GIVEN NAME  Batni Raghavendra	
205	RESIDENCE & CITIZENSHIP	Mysore	STATE OR FOREIGN COU	NTRY	COUNTRY OF CITIZENSHIP India	
	POST OFFICE ADDRESS	#291, 7th Cross, 5th Main, 1st Stage Boindavan Extension			STATE & ZIP CODE/COUNTRY India	
true: a impris	nd further that these	e statements were made with the ki der section 1001 if Title 18 of the U	nowledge are true and that all statem nowledge that willful false statements nited states Code, and that such willfu	and the like so	nformation and belief are believed to be made are punishable by fine or nts may jeopardize the validity of the	
CICNI	ATURE OF INVENT	OR 201   SIGNAT	URE OF INVENTOR 202	SIGNA	TURE OF INVENTOR 203	

SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203
DATE	DATE	DATE
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	
DATE 21.10.05.	DATE	

## COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER

PHNL030685 US

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My residence, post office addre	ess and citizenship are as state	ed next to my name.	
plural names are listed below)	of the subject matter which is on the subject matter which is one subject matter whis	name is listed below) or an origina claimed and for which a patent is s BEST IC PERFORMANCE"	sought on the invention
is attached hereto.			
was filed as United States a	application		
Serial No		*	
on			
and was amended			
on			
Was filed as PCT internation	oso799		
on 28 MA	M 2004		
and was amended under PCT	Article 19		
on			(if applicable).
claims, as amended by any am I acknowledge the duty to discl	nendment referred to above.  lose information which is mate	nts of the above-identified specific	
or inventor's certificate or of an States of America listed below any PCT international applicati	penefits under Title 35, United solve PCT international application and have identified below any on(s) designating at least one	States Code, § 119 of any foreign n(s) designating at least one counforeign application(s) for patent o country other than the United State the application(s) of which priority	try other than the United r inventor's certificate or tes of America filed by me
PRIOR FOREIGN/PCT APPLIC	CATION(S) AND ANY PRIORI	TY CLAIMS UNDER 35 U.S.C. 11	19:
COUNTRY	APPLICATION NUMBER	DATE OF FILING DAY, MONTH, YEAR	PRIORITY CLAIMED UNDER 35 USC 119
Europe	03101678.5	10 June 2003	YES
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Combined Declaration For Patent Application and Power of Attorney (Continued (includes Reference to PCT International Applications)	Attorneys Docket Number PHNL030685 US
POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/o all business in the Patent and Trademark Office connected therewith. (List name and registration not not not not not not not not not n	
Jack E. Haken, Reg. No. 26,902 Michael E. Marion, Reg. No. 32,266 Edward M. Blocker, Reg. No. 30,245	Direct Telephone Calls to: (name and telephone number) (914)332-0222

	FULL NAME OF INVENTOR	FAMILY NAME PINEDA DE GYVEZ	FIRST GIVEN NAME  Jose	SECOND GIVEN NAME  De Jesus
201	RESIDENCE & CITIZENSHIP	CITY Eindhoven	STATE OR FOREIGN COUNTRY The Netherlands	COUNTRY OF CITIZENSHIP  Mexico
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	POST OFFICE ADDRESS	POST OFFICE ADDRESS  Prof. Holstlaan 6	5656 AA Eindhoven	STATE & ZIP CODE/COUNTRY  The Netherlands
	FULL NAME OF INVENTOR	FAMILY NAME MEIJER	FIRST GIVEN NAME Rinze	SECOND GIVEN NAME Ida Mechtildis Peter
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	POST OFFICE ADDRESS	POST OFFICE ADDRESS Prof. Holstlaan 6	5656 AA Eindhoven	STATE & ZIP CODE/COUNTRY The Netherlands
	FULL NAME OF INVENTOR	FAMILY NAME RIUS VAZQUEZ	FIRST GIVEN NAME  Josep	SECOND GIVEN NAME
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	POST OFFICE ADDRESS	POST OFFICE ADDRESS Miracle, 17	Barcelona 08028	STATE & ZIP CODE/COUNTRY  Spain
	FULL NAME OF INVENTOR	FAMILY NAME RAO	FIRST GIVEN NAME Kiran	SECOND GIVEN NAME  Batni Raghavendra
205	RESIDENCE & CITIZENSHIP	CITY Mysore POST OFFICE ADDRESS	STATE OR FOREIGN COUNTRY India	COUNTRY OF CITIZENSHIP India
	POST OFFICE ADDRESS	#291, 7th Cross, 5th A Main, 1st Stage Boindavan Extension	Mysore 570020	STATE & ZIP CODE/COUNTRY India

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true: and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 if Title 18 of the United states Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203
DATE	DATE	DATE
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	
DATE	DATE 21.10.05	

U.S. Patent and Trademark Office; U.S. Department of COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMEN'	T UNDER 37 CFR 3.73(b)
Applicant/Patent Owner: Koninklijke Philips Electronics N.V.	
Application No./Patent No.: Concurrently Fi	iled/Issue Date: Concurrently
Entitled: REAL-TIME ADAPTIVE CONTROL FOR BEST IO	C PERFORMANCE
Koninklijke Philips Electronics N.V. , a (Name of Assignee)	corporation (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)
states that it is: 1. ☑ the assignee of the entire right, title, and interest; of	,
an assignee of less than the entire right, title and in The extent (by percentage) of its ownership interest in the patent application/patent identified above by virtue.	est is ———— %
A. [/] An assignment from the inventor(s) of the patent a in the United States Patent and Trademark Office a attached.	application/patent identified above. The assignment was recorded at Reel, Frame, or for which a copy thereof is
OR	
B. [ ] A chain of title from the inventor(s), of the patent appearance below:	application/patent identified above, to the current assignee as shown
	States Patent and Trademark Office at, or for which a copy thereof is attached.
2. From:	To:
The document was recorded in the United S Reel, Frame	States Patent and Trademark Office at, or for which a copy thereof is attached.
3. From:	To:
The document was recorded in the United S Reel, Frame	States Patent and Trademark Office at, or for which a copy thereof is attached.
[ ] Additional documents in the chain of title are	e listed on a supplemental sheet.
[ ] Copies of assignments or other documents in the cha [NOTE: A separate copy (i.e., the original assignmen must be submitted to Assignment Division in accordarecorded in the records of the USPTO. See MPEP 30	nt document or a true copy of the original document) ance with 37 CFR Part 3, if the assignment is to be
The undersigned (whose title is supplied below) is author	rized to act on behalf of the assignee.
12-1-05	DAVID BARNES, REG. 47,407
Date (044) 232 2322	Typed or printed name
(914) 333-9693	- Lac
Telephone number	Signature
	Corporate Counsel Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/80 (11-04)

Approved for use through 11/30/2005. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I here	by revoke all	previou	s powers of attorney	given in the	annii	Ain- !-landifi- d			
37 CI	FR 3.73(b).	<b>P</b> . •	s powers of attorney	given in the	appiid	cation identified i	in the a	attached state	ment under
I nere	eby appoint:				_				
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┍	)R								
	Practitioner(s) na		w (if more than ten patent p	practitioners are	to be	named, then a custo	omer nu	mber must be us	ed):
	İ	Nam	ле	Registration Number	<b>W</b>	N:	ame		Registration
<b>!</b>				Number					Number
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as attor	ney(s) or agent(s	) to repres	sent the undersigned befor	re the United St	ates F	atent and Trademar	k Office	(USPTO) in con	and on with
attache	d to this form in a	ecordance	signed only to the undersigned before signed only to the undersigned with 37 CFR 3.73(b).	ned according t	the !	USPTO assignment	records	or assignment de	ocuments
			e address for the application	on identified in f	the att	ached statement und	der 37 C	FR 3.73(b) to:	
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OR	The address as	ssociated 1	with Customer Number:	2	473	7			
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the pra	ctitioners appo	ointed in	this form if the annoi	inted procisi	ent ur	nder 37 CFR 3.73	(b) may	y be complete	d by one of
			tion in which this Pow				ct on b	ehalf of the as	isignee,
		dividual w	SIGNATU	URE of Assigne	ee of R		16.5		
Signatur				supplied below	V 15 au				2205
Name	Michae	l E.	Marion	140 L				January	
Title			Representati	170			elephone	e(914) 3	<u>33-9637</u>
This coller	ction of information i	is married	Nepresentation.	LVE					

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidertiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the Individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.